

Material Safety Data Sheet for NO-MORE-GRIME

SECTION 1 – STATEMENT OF HAZARDOUS NATURE CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Statement of Hazardous Nature of Product

Not classified as hazardous according to criteria of Worksafe Australia.
Not hazardous according to Council Directive 1999/45/EC and its subsequent amendments.

Company Details

Company: DRY-TREAT PTY LTD
Address: 220 Pacific Hwy, Crows Nest NSW 2065
P.O. Box 551, St Leonards NSW 1590
Tel: +61 2 9954 3211 Fax: +61 2 9954 3162
Company ABN: 67 054 220 629

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IDENTIFICATION

Substance: Modified polymerized alky silanes with amino alkyl and fluoro alkyl groups and hydroformates and water
Product Name: **NO-MORE-GRIME**
Other Names: Not applicable
Manufacturers
Product Code: 011412
Product Use: Water and stain protection for masonry substrate
Creation Date: November 2004
Revision Date: November 2004

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number	Proportion (%v/v)
Formic acid	64-18-6	< 0.15%
Symbol(s):	C	R-phrases R35
Methanol	67-56-1	< 0.1%
Symbol(s):	F, T	R-phrases R11,

R23/24/25/39/23/24/25

Ingredients determined not to be hazardous to 100%

Other information

The base materials of the polymers are included in the EINECS Inventory.

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Approved Criteria No specific hazards are known

SUSDP Classification: Not scheduled

ADG Classification: Not applicable
UN Number: Not applicable
HAZCHEM CODE: Not applicable
Colour: Straw
Physical description: Liquid
Odour: Almost odourless
Major Health Hazards: Harmful if swallowed

POTENTIAL HEALTH EFFECTS

Inhalation

Short term exposure: Vapours may irritate nose and throat. Vapour overexposure may cause drowsiness.

Skin Contact

Short term exposure: May cause moderate irritation to skin.

Long term/Repeated exposure: No known applicable information

Eye Contact

Short term exposure: Direct contact irritates slightly with redness and swelling.

Ingestion

Short term exposure: Get medical attention

Other relevant information:

The above listed potential effects of exposure are based on data and results of studies performed upon individual components. The finished product has not been tested as a whole.

CARCINOGEN STATUS

NOHSC: Not Classified
Mutagenic Effects: None known
Reproductive Effects: None known
Carcinogenic Effects: None known
Other Health Hazard: None known

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons

Not applicable

Inhalation

Remove people affected by vapours to fresh air. Obtain medical attention if ill effects persist.

Skin contact

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Seek medical advice if irritation develops or persists.

Eye contact

If in eyes, hold eyelids apart and flush the eye continuously with running water, continue flushing until advised to stop by the Poisons Information Centre or a doctor or for at least 15 minutes.

Ingestion

Get medical attention.

First Aid facilities

None should be required

Notes to physicians

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media: On large fire use foam, CO₂, dry powder, dry chemical, water spray. On small fire use carbon dioxide (CO₂), dry chemical or water spray. Water may be used to flush away residue. Water can be used to cool fire exposed containers.

SECTION 6 – ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Use personal protective equipment.

Environmental precautions:

Do not allow entrance in soil, stretches of water, drainage systems.

Methods for cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

Fill into marked, sealable containers.

To be disposed of in compliance with existing regulations.

Suitable binder: sand (for damming up), universal absorbent.

SECTION 7 – HANDLING AND STORAGE**Handling****Safe handling advice**

Avoid contact with skin and eyes.

Advice on protection against fire and explosion

Take precautionary measures against static charges, keep away from sources of ignition. Explosion protection equipment required.

Storage

Store in a cool, dry and well ventilated area, out of direct sunlight and away from heat and ignition sources. Store away from water, moisture, humid air and oxidising agents.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace control parameters

ENGINEERING CONTROLS

Ventilation

Provide for good ventilation if vapours/aerosols are formed.

PERSONAL PROTECTION

Eye Protection

Avoid eye contact with liquid, vapour, mist or spray. Safety glasses or goggles are recommended. If there is the possibility of splashing a full face mask is recommended to prevent entry to the eye.

Skin Protection

Wash hands at meal times and at end of shift. Wear full-length clothing, boots and suitable protective gloves when handling this material. Rubber gloves are recommended. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse.

Protective Material Types

Due to variations in glove construction, the user should make a final assessment.

Respirator

In case of dust/vapours/aerosols being formed or if the limit values like TLV are exceeded use respiratory equipment with suitable filter or wear a self containing respiratory apparatus.

Additional information

These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

SECTION 9 – PHYSICAL AND CHEMICAL DESCRIPTION

Physical State:	Liquid
Colour:	Straw
Odour:	Almost odourless
Boiling Point:	Not available
Freezing Point:	Not available
Vapour Pressure (20°C):	Not available
Specific Gravity:	1
Flashpoint (closed cup):	>65 °C
Flammability Limits:	Not determined
Solubility in Water (20°C):	Miscible
pH:	Not available
Volatility:	Not available
Odour Threshold:	Not available
Evaporation Rate:	Not available
Further Information:	Vapours can form explosive mixtures with air

SECTION 10 – STABILITY AND REACTIVITY

Hazardous reactions: No dangerous reactions known

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50rat: > 2.000 mg/kg Method: OECD 423 Lit. (1)
Acute inhalation toxicity	LD50rat: > 5.5 mg/ l / 4 h Method: OECD Test Guideline 403 Test substance: aerosol Lit. (1)
Skin irritation	not irritating Method: OECD Test Guideline 404 Lit. (1)
Eye irritation	slight irritating Method: OECD Test Guideline 405 Lit. (1)
Sensitization	(Magnusson-Kligman) not sensitising Method: OECD Test Guideline 406 Lit. (1)

SECTION 12 – ECOLOGICAL INFORMATION

Environmental information (persistence and degradability)

Biodegradability	Readily biodegradable > 68%, Testing period: 28 d, Method (CO ₂ : modif. Sturm test/OECD 301
	B)

Ecotoxicity effects

Aquatic toxicity: Method: OECD	LC50 Brachydanio reio: > 1.0000 mg/l /96 hour 203
Aquatic toxicity: OECD	LC0 Brachydanio reio: > 1.0000 mg/l /96 hour Method: 203

SECTION 13 – DISPOSAL CONSIDERATIONS

Methods for Disposal

Refer to Local, State and Federal Land Waste Management Authority for disposal instructions as disposal of collected product, residues, and cleanup materials may be governmentally regulated. Transfer solvent residues to a labelled, sealed

container for disposal. Dispose of saturated absorbent or cleaning materials appropriately. Incinerate in a hazardous waste incinerator. Do not dispose into drain, soil, sewers or waterways.

SECTION 14 – TRANSPORT INFORMATION

Transport/further information

Not classified as dangerous in the meaning of transport regulations

SECTION 15 – REGULATORY INFORMATION

Labelling according to EEC directive

Statutory basis/list Not subject to labelling provisions by Directive
67/548/EEC

Chemical Inventories

AICS: All ingredients listed or exempt
EINECS: All ingredients listed or exempt
TSCA: All ingredients listed or exempt

SECTION 16 – OTHER INFORMATION

LABELLING DETAILS

Hazard symbol:	Xn Xi	Harmful Irritant
R-phrases:	R22 R36/38 R53	Harmful if swallowed Irritating to eyes and skin May cause long-term adverse effects in the
	R62 R39/23/24/25 R23/24/25	aquatic environment Possible risk of impaired fertility Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed Toxic by inhalation in contact with skin and if swallowed
S-phrases:	S23(S) S24 S51	Do not breathe spray Avoid contact with skin Use only in well-ventilated areas

Acronyms

SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
CAS Number	Chemical Abstracts Service Registry Number
UN Number	United Nations Number
R-Phrase	Risk Phrases

S-Phrase	Safety Phrases
HAZCHEM No	An emergency action code of numbers and letters which gives information to emergency services
NOHSC	National Occupational Health and Safety Commission
AICS	Australian Inventory of Chemical Substances
INECS	European Inventory of Existing Commercial Chemical Substances
TSCA	US Toxic Substances Control Act

CONTACT POINT

For specialist advice, contact Technical Manager on +61 2 9954 3211

Important Note:

The information presented in this MSDS is intended as a guideline for the selection and use of NO-MORE-GRIME, and is accurate to the best of our knowledge at the time of publication. This is not a specification and is not to be used as a firm approval for the suitability of NO-MORE-GRIME for any particular surface or substrate. Each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product. If clarification or further information is needed contact Dry-Treat Pty Ltd.